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(54) Title: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH G-PROTEIN COUPLED RECEPTOR ADIPOR1 (ADIPOR1)

(57) Abstract: The invention provides a human AdipoR1 which is associated with the cardiovascular diseases, dermatological diseases, gastroenterological diseases, cancer, hematological diseases, inflammation, respiratory diseases, neurological diseases and urological diseases. The invention also provides assays for the identification of compounds useful in the treatment or prevention of cardiovascular diseases, dermatological diseases, gastroenterological diseases, cancer, hematological diseases, inflammation, respiratory diseases, neurological diseases and urological diseases. The invention also features compounds which bind to and/or activate or inhibit the activity of AdipoR1 as well as pharmaceutical compositions comprising such compounds.

